

project-tech

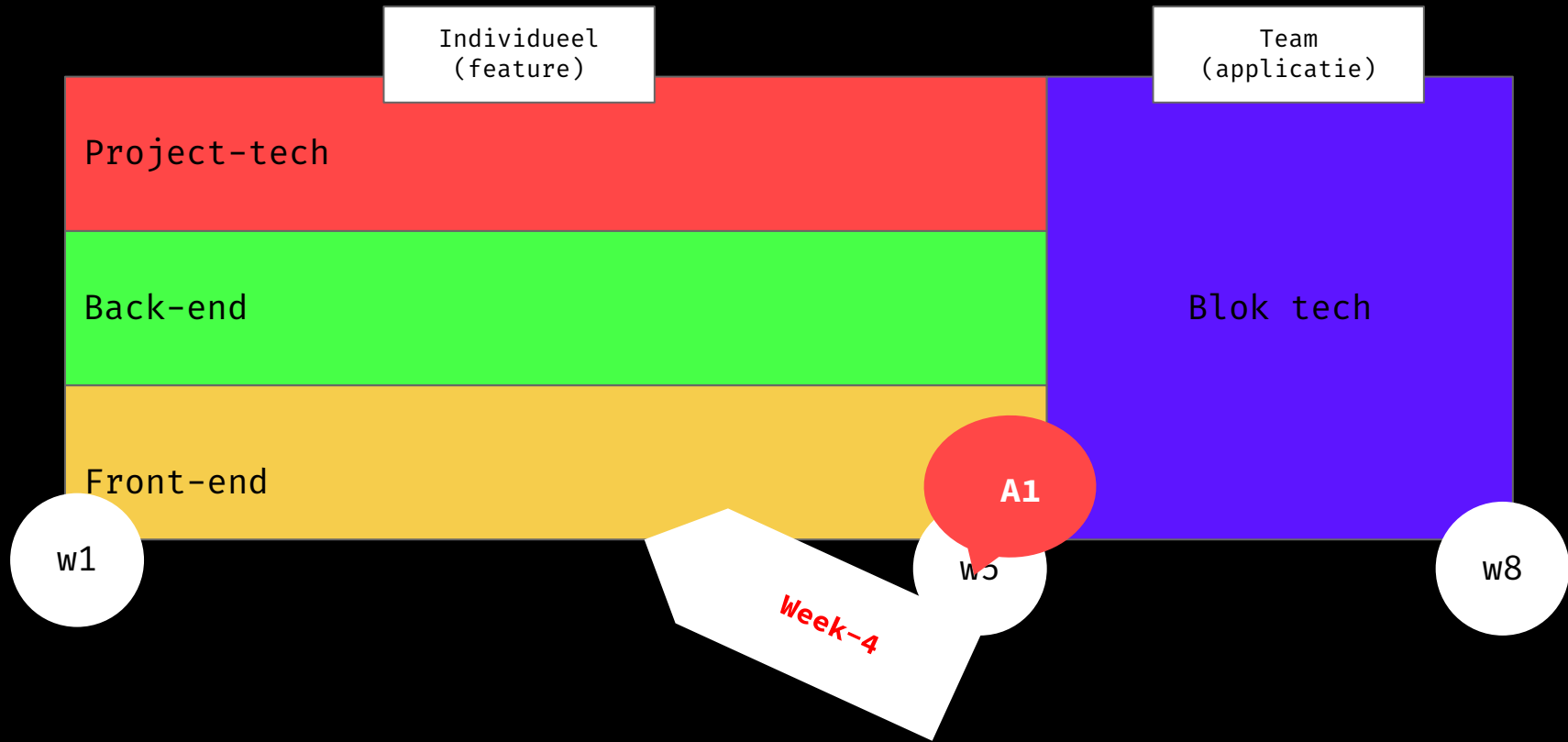
Deployment

lab 4/8



Stand-up!

Show what
you did



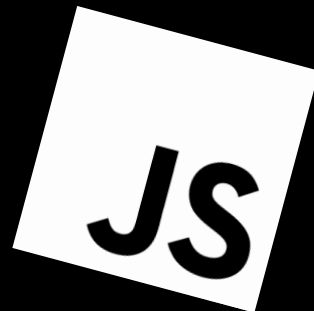


Note: Next week (5) we'll do a final peer review.
See it as a checklist.

today

~~I. Standup~~

II. Deployment



Assessment 1 - Individual

You've worked iteratively (*formative*) on your product and finish with an oral test (*summative*). You'll **show the feature** you've created for feedback based on your code in your repository and live version. *A teacher will try out your feature and look at the code.*

You will show you can create a quality project in which you apply the subject matter of this course and that you understand it.

You will answer questions in such a way as to demonstrate sufficient knowledge of our goals.

This is an individual assessment, so tests will be conducted between one teacher and one student.

This is an assessment, not another moment for feedback. So you will be graded. There isn't much time for additional feedback or troubleshooting technical issues.

Preparation

Since we have limited time make sure you come to the assessment prepared:

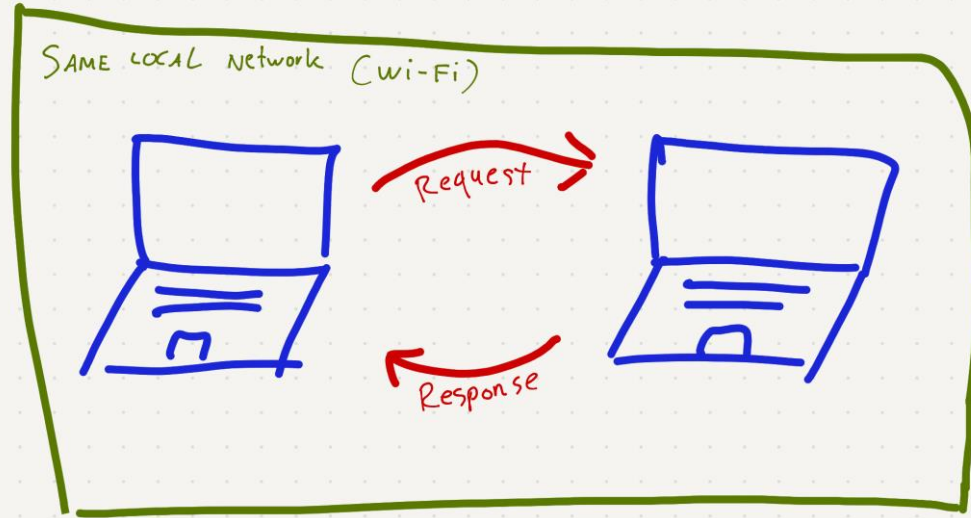
- **Bring your computer** and make sure it's *charged* and connected to *Wifi*.
- Make sure your *webcam, microphone* and *screen sharing* works in **MS Teams**
- Have the latest version of your feature **ready in your browser**.
- Have the latest version of your code **ready on GitHub**.

let's look at the **rubric for A1**

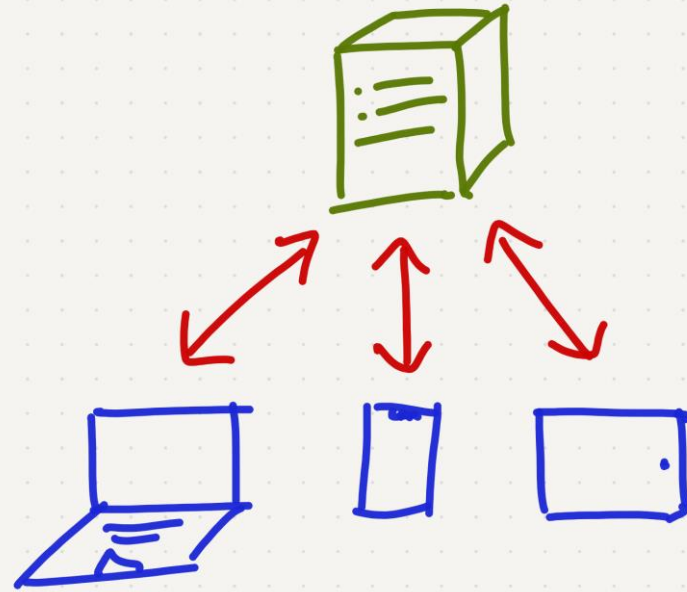
Deployment

localhost:3000



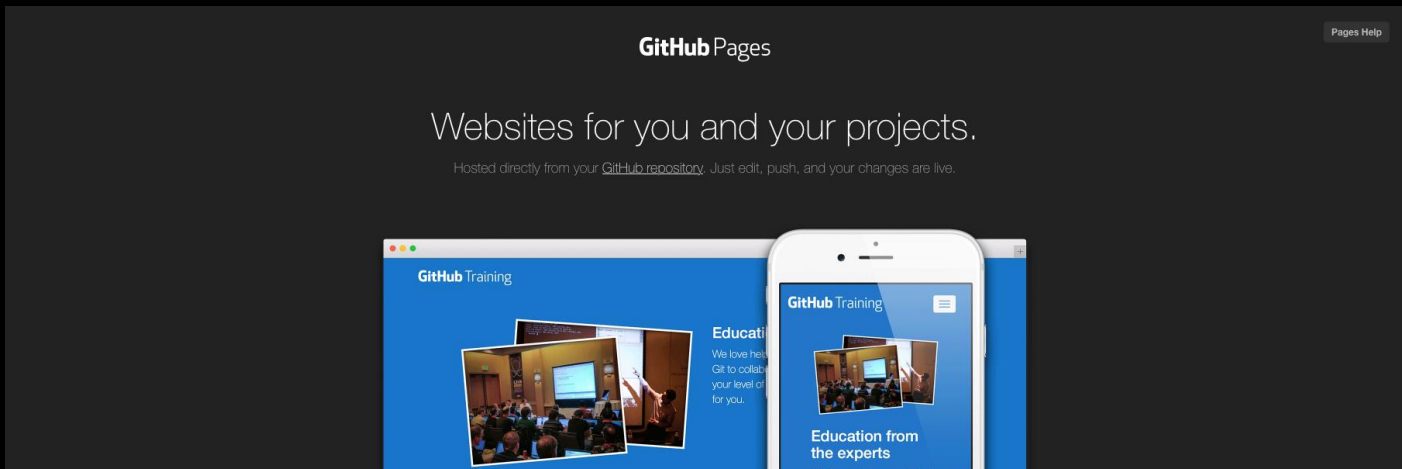


~~LOCALHOST~~ → 192.168.1.163



Deployment

static



Note: *Static hosting* like GitHub pages or Oege
won't work for dynamic Node.js applications

Providers

There's many hosting providers available, ranging from smaller (local) ones like Yourhosting to global conglomerates like Amazon Web-Services (AWS).

Choice is based on project requirements and costs.

Deployment

paas



Heroku



DigitalOcean



DigitalOcean



VPS, PaaS, wtf

VPS

Many hosting providers offer virtual private servers (VPS). These “boxes” allow you to do.. whatever you want. This is great if you have some very specific requirements, but also means you have to do everything yourself.

Popular options are TransIP (VPS), AWS (EC2), or DigitalOcean (Droplet).

VPS, PaaS, wtf

PaaS

There's also dedicated services that do all the hard work for you. These are often a little more expensive and less-flexible.

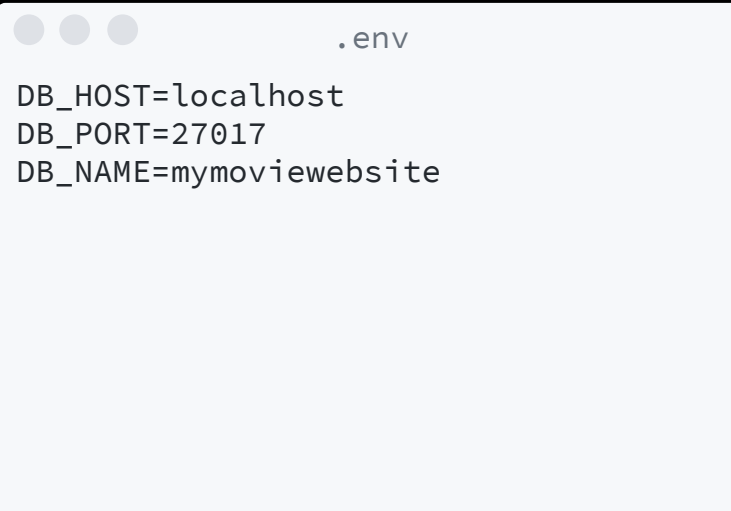
We refer to these services as
Platform as a Service.

Popular options are Vercel, Platform.sh, and DigitalOcean App Platform.

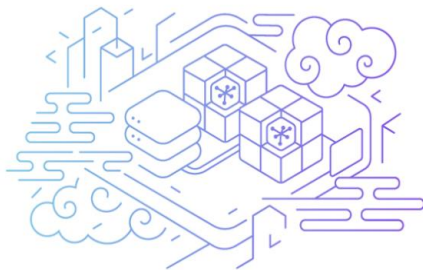
Deployment

.env

```
// Files
mongodb-server/
├── node_modules/
├── static/
│   ├── index.css
│   ├── index.js
│   └── upload/
├── view/
│   ├── add.ejs
│   ├── detail.ejs
│   ├── head.ejs
│   ├── list.ejs
│   ├── not-found.ejs
│   └── tail.ejs
├── .env
├── index.js
└── package.json
```



```
.env
DB_HOST=localhost
DB_PORT=27017
DB_NAME=mymoviewebsite
```



SPOTLIGHT

Data on Heroku

Build data-driven apps with fully managed data services.

[SIGN UP FOR FREE](#)

[Explore Managed Data Services](#)



OFFICIALLY SUPPORTED LANGUAGES



In addition to our officially supported languages, you can use any language that runs on Linux with Heroku via a third-party buildpack. [View all buildpacks](#) →



Code[ish] »

A podcast from the team at Heroku, exploring code, technology, tools, tips, and the life of the developer.

[Learn more and subscribe](#) → [View all episodes](#) →

NEW HEROKU IN THE WILD FEB 18TH, 2021

110. Scaling a Bernie Meme

Having a goofy meme project go viral can be an exhilarating feeling. It can also cause your heart to drop, as you've suddenly been saddled with new... →

Live demo **deploy, paas, hosting**

The background is black and filled with numerous small, red, stylized confetti-like shapes. These shapes include spirals, wavy lines, and small triangles, scattered across the entire frame.

exit;

see you in lab-5!